

**ABSTRACT**

The present invention relates to a method, a chip, a device, and a system for collection of biological particles. The method makes use of electrostatic attraction of biological particles to charged electrodes and preferably operates with gaseous samples. The method, chip, 5 device, and system are e.g. useful for collecting pathogenic biological particles, such as bacterial spores and vira, from air samples and allow for subsequent analysis of the collected biological particles.